

Claims;

1. A film employed in a liquid crystal display member wherein the film has film thickness of 20 to 60 μm and variation in the film thickness within ± 3.0 percent of the standard film thickness.
2. The film employed in a liquid crystal display member of claim 1 wherein the film is a polarizing plate protective film.
3. The film employed in a liquid crystal display member of claim 1 wherein the film comprises a cellulose ester film.
4. The film employed in a liquid crystal display member of claim 3 wherein average degree of substitution of the cellulose ester film is 2.88 to 3.00.
5. The film employed in a liquid crystal display member of claim 3 wherein cellulose ester film is a film employing a composition ratio of wood pulp cellulose/cotton linter cellulose = 60/40 to 0/100 in terms of weight ratio.

SPECIES

Species

Species

13. The film employed in a liquid crystal display member of claim 1 wherein the film comprises an UV absorber in an amount of 0.01 to 5 percent by weight.

14. A polarizing plate comprising a polarizer and a polarizing plate protective film wherein thickness of the polarizing plate protective film is 20 to 60 μm and variation in the film thickness of the polarizing plate protective film is within ± 3.0 percent of the standard film thickness.

15. The polarizing plate of claim 14 wherein the polarizing plate protective film is provided on each of both sides of the polarizer.

16. The polarizing plate of claim 14 wherein the polarizing plate protective film comprises a cellulose ester film.

17. The polarizing plate of claim 14 wherein average degree of substitution of the cellulose ester film is 2.88 to 3.00.

18. A liquid crystal display member comprising a first polarizing plate, liquid crystal cell, and a second polarizing

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plate provided in the interior of said first polarizing plate and the liquid crystal cell,
the first polarizing plate having

a first polarizer,

a first protective film provided on a surface of the first polarizer which does not face the liquid crystal cell,

a second protective film provided on a surface of the first polarizer which faces the liquid crystal cell,

the second polarizing plate having

a second polarizer,

a third protective film provided on a surface of the second polarizer which faces the liquid crystal cell,

a fourth protective film provided on a surface of the second polarizer which does not face the liquid crystal cell,

wherein at least one of the first protective film, the second protective film, the third protective film and the fourth protective film has film thickness of 20 to 60 μm and variation in the film thickness within ± 3.0 percent of the standard film thickness.

19. The liquid crystal display member of claim 18 wherein the protective film having film thickness of 20 to 60 μm comprises a cellulose ester film.

20. The liquid crystal display member of claim 18 wherein average degree of substitution of the cellulose ester film is 2.88 to 3.00.

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APPL PARTS

IMIS
Internal Misc. Paper
LET.
Misc. Incoming Letter

371P
PCT Papers in a 371 Application

A...
Amendment Including Elections

12/1/00 ABST
Abstract

ADS
Application Data Sheet

AF/D
Affidavit or Exhibit Received

APPENDIX
Appendix

ARTIFACT
Artifact

BIB
Bib Data Sheet

CLM
Claim

COMPUTER
Computer Program Listing

CRFL
All CRF Papers for Backfile

DIST
Terminal Disclaimer Filed

DRW
Drawings

FOR
Foreign Reference

FRPR
Foreign Priority Papers

IDS
IDS Including 1449

NPL
Non-Patent Literature

OATH
Oath or Declaration

PET.
Petition

RETMAIL
Mail Returned by USPS

SEQLIST
Sequence Listing

SPEC
Specification

SPEC NO
Specification Not in English

TRNA
Transmittal New Application

CTNF
Count Non-Final

CTRS
Count Restriction

EXIN
Examiner Interview

M903
DO/EO Acceptance

M905
DO/EO Missing Requirement

NFDR
Formal Drawing Required

NOA
Notice of Allowance

PETDEC
Petition Decision

OUTGOING

CTMS
Misc. Office Action

1449
Signed 1449

892
892

ABN
Abandonment

APDEC
Board of Appeals Decision

APEA
Examiner Answer

CTAV
Count Advisory Action

CTEQ
Count Ex parte Quayle

CTFR
Count Final Rejection

INCOMING

AP.B
Appeal Brief

C.AD
Change of Address

N/AP
Notice of Appeal

PA..
Change in Power of Attorney

REM
Applicant Remarks in Amendment

XT/
Extension of Time filed separate

BACKFILE DOCUMENT INDEX SHEET

Internal

SRNT
Examiner Search Notes

CLMPTO
PTO Prepared Complete Claim Set

ECBOX
Evidence Copy Box Identification

WCLM
Claim Worksheet

WFEE
Fee Worksheet

File Wrapper

FWCLM
File Wrapper Claim

IIFW
File Wrapper Issue Information

SRFW
File Wrapper Search Info